

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

REGULATORY CONTACT RECORD

Date/Time: September 3, 2003/ 11:00 a.m.

Site Contact(s): Chris Gilbreath, Sarah Roberts
Phone: 303-966-7355

Regulatory Contact: Denise Onyskiw, David Kruchek
Phone: 303-692-3371

Agency: CDPHE

Purpose of Contact: D&D Clarification Discussion

Discussion

As part of the consultative process, the disposition of several materials/wastes and the subsequent surveys were discussed with CDPHE. These wastes will be generated during decommissioning and demolition activities for Building 771/774. These materials/wastes will be dispositioned as follows:

Block Wall/Metal Wall Demolition

- 1) Decontaminate to unrestricted release limits, or otherwise protect areas (i.e., with plastic, fixative, etc.) to be demolished and any adjacent surfaces potentially disturbed by demolition.
- 2) Collect biased beryllium smears to assure levels are $< 0.1 \mu\text{g}/100 \text{ cm}^2$ (for area to be demolished and any adjacent surfaces potentially disturbed by demolition) as necessary per the Pre-Demolition Survey Plan.
- 3) Control demolition per the Radiological Work Permit.
- 4) Utilize dust suppression (for block wall).
- 5) Utilize job-coverage air sampling during demolition to assure levels do not exceed 0.1 DAC.
- 6) If 0.1 DAC is exceeded, DAC-hour tracking shall be performed for potentially exposed individuals.
- 7) If 0.1 DAC is exceeded, or if the spread of contamination is indicated per in-process surveys, the area shall be roped off and decontaminated to removable levels $< 20 \text{ dpm}/100 \text{ cm}^2$
- 8) Dispose of generated waste as radioactive (LSA or SCO).

Unistrut

- 1) Remove paint.

Contact Record 4/10/00

Rev. 9/3/02

DOCUMENT CLASSIFICATION
REVIEW WAIVER PER
CLASSIFICATION OFFICE

Page 1 of 2

ADMIN RECORD

B771-A-000199

V2

CEX-105-01

- 2) Collect biased/random "coupon" samples to evaluate fixed contamination to assure levels are $< 100 \text{ dpm}/100 \text{ cm}^2$
- 3) Performed large-area removable surveys on 100% of unistrut (as practicable) to assure no removable contamination detected.
- 4) Perform fixed contamination surveys over unistrut to assure $< 100 \text{ dpm}/100 \text{ cm}^2$

Penetrations

- 1) Remove pipe/sleeve.
- 2) Decontaminate any potential remaining contamination in concrete penetration (via hydrolazing, scabbling, etc.).
- 3) Perform removable contamination surveys to assure levels are $< 20 \text{ dpm}/100 \text{ cm}^2$
- 4) Perform fixed contamination surveys over penetration to assure $< 100 \text{ dpm}/100 \text{ cm}^2$

Hydrolazing Water Seepage into Final Surveyed Areas (Areas within 6' Final Grade)

- 1) Rope off potentially affected area.
- 2) Clean up standing water and allow surfaces to dry.
- 3) Perform 100% scan of areas to assure fixed levels do not exceed $300 \text{ dpm}/100 \text{ cm}^2$
- 4) Perform large-area wipes over 100% of area to assure no removable contamination is detected.
- 5) Collect additional biased static measurements/smears as necessary to assure total activity levels do not exceed $100 \text{ dpm}/100 \text{ cm}^2$ and removable levels do not exceed $20 \text{ dpm}/100 \text{ cm}^2$
- 6) Notify CDPHE and provide verification surveys if the Final Survey Report has been submitted and/or approved for the affected area.

Ms. Onyskiw and Mr. Kruchek agreed with the approach for these issues.

Contact Record Prepared By: Chris Gilbreath

Required Distribution:

P. Arnold, K-H 371
C. Deck, K-H
R. DiSalvo
C. Gilbreath, K-H 771
S. Gunderson, CDPHE
L. Kilpatrick, RFFO

J. Legare, DOE
R. Leitner, K-H 371
J. Mead, K-H ESS
S. Nesta, K-H RISS
K. North, K-H ESS/MS
T. Rehder, USEPA
D. Shelton, K-H

Additional Distribution:

D. Onyskiw, CDPHE
D. Kruchek, CDPHE
J. Brothers, DOE



2/2